

Amendments to the Specification:

Please amend the specification as follows:

Please amend paragraph 0044 as follows:

[0044] The main characteristic of the inspection method for optical scanner with automatic document feeding is that a colored pattern layer of color different from that of the operation document is provided in the automatic document feeder ~~[[in]]~~ corresponding to the optical scanner for providing the fed document to block the colored pattern layer and reach a function of detecting slant value of the document.

Please amend paragraph 0045 as follows:

[0045] Please refer to Fig. 4A, which is a cross-sectional structure illustration for a ~~preferable~~ preferred embodiment for a colored-pattern-layer provided in an automatic document feeder of the present invention. Wherein, the prior optical scanner 1 has an automatic document feeder 2 by a manner of carrying to provide automatic scanning operation for the automatically fed document 30. While in a ~~preferable~~ preferred embodiment of the present invention, a colored pattern layer 22 is arranged at the automatic document feeder 2 ~~[[in]]~~ corresponding to the scanning window 16 of the optical scanner 1. The color of the colored pattern layer 22 is different from the operation color of the document 30. When the document 30 is fed into the automatic document feeder 2, the document 30 is just positioned between the scanning window 16 and the colored pattern layer 22.

Please amend paragraph 0046 as follows:

[0046] Please refer to Fig. 4B to Fig. 4F, which show the upper illustrations for ~~preferable~~ preferred embodiments of the present invention provided with colored pattern layer. Wherein, the referable colored pattern layer 22 in present invention is a rectangular block arranged on a scan line 17 positioned in the scanning window 16. Referring to Fig. 4E, the width of the layer 22 is wider than that of the document 30. The arrangement of the colored pattern layer 22 may be positioned at the right side position of the scan line 17 (as shown in Fig. 4C). The transformation of such technique may be that a colored pattern layer 22 (as shown in Fig. 4D) is arranged at each left position and right position of the scan line 17. It is easily known that the arrangement of the colored pattern layer 22 is a long stripe that covers the entire scan line 17 (as shown in Fig. 4E) to also reach the function of the present invention. Of course, the shapes of the colored pattern layer could be also circular shape (as shown in Fig. 4F) or other shapes. So, the transformation can be easily executed according to the aforementioned description of the present invention, which is still within the technical scope of the present invention, and further detailed description is not repetitiously presented here.

Please amend paragraph 0047 as follows:

[0047] Please refer to Fig. 5A through Fig. 7B, which show the illustrations of ~~preferable~~ preferred embodiments with first image retrieval and second image retrieval for the document's inspection of the present invention. ~~Wherein, Fig. 5A through Fig. 6B depict a method of is the detecting method~~ that the arrangement of the colored pattern layer 22, when it is to the at left position of the scan line 22. The document 30 has at least a side 31. The side 31 is parallel to the feeding direction 222, of which the document 30 is fed into the automatic document feeder 2.

Please amend paragraph 0048 as follows:

[0048] ~~Referring to Please refer to~~ Fig. 5A and Fig. 5B. When the document 30 is automatically fed in initially, if the document 30 is slanted ~~[[to]]~~ in the first direction (clock-wise direction) 43, the side 31 will move onto the scan line 17 ~~firstly~~ ~~[[,]]~~ and may intercross with the scan line 17 to form a first side point 311. At this time, the first image retrieval is a first distance 41 detected between the first side point 311 and a reference point 221 positioned at the colored pattern layer 22. Wherein, the reference point 221 is positioned at appropriate fixing point on the scan line 17. In a ~~preferable~~ preferred embodiment of the present invention, the reference point 221 is the fixing point on the most outer or inner side. Of course, the reference point 221 may also be other point that ~~is~~ may ~~provided~~ provide for ~~[[of]]~~ easy detection. These sorts of ~~transformation~~ transformations may be executed easily according to the aforementioned description of the present invention, therefore they are not repetitiously described here any more. Afterwards, the document is fed in by ~~for~~ an appropriate length 32, wherein the side 31 will intercross with the cross line 17 to form a second side point 312. At this time, the second image retrieval is a second distance 42 detected between the second side point 312 and the reference point 221.

Please amend paragraph 0049 as follows:

[0049] Please refer to Fig. 6A and Fig. 6B. When the document is moving in slant way to the second direction (i.e., the counter clock-wise direction) 44, the side 31 will move onto the scan line 17 firstly, and intercross with the scan line 17 to form a first side point 311a. At this time, the first image retrieval is a first distance 41a detected between the first side point 311a and the reference point 221. The document 30 is further fed in for an appropriate length 32a. The side 3 1 will intercross with the scan line 17 to form a second side point 312a. At this time, the second

image retrieval is a second distance 42a detected between the second side point 312a and the reference point 42a 221.

Please amend paragraph 0051as follows:

[0051] ~~Wherein~~ Fig. 7A and Fig. 7B is the detecting method that the arrangement of the colored pattern layer 22 is at the right position of the scan line 17. The document 30 has at least a side 3 1b. The side 31b is parallel to the feeding direction 222, of which the document 30 is fed into the automatic document feeder 2. When the document 30 is automatically fed in initially, and the document 30 is slanted to the second direction (i.e., the counter clock-wise direction) 44, the side 31b will move onto the scan line 17 firstly, and intercross with the scan line 17 to form a first side point 311b. At this time, the first image retrieval is a first distance 41b detected between the fist side point 311b and the reference point 221a. The document 30 is further fed in for an appropriate length 32b. The side 31b will intercross with the scan line 17 to form a second side point 312b. At this time, the second image retrieval is a second distance 42b detected between the second side point 312b and the reference point 221a. In the document 30 is slanted to the first direction (i.e., clock-wise direction) 43, an identical method of detection is also applied. When a colored pattern layer 22 is provided respectively at the left and right positions of the scan line 17 and the arrangement of the colored pattern layer 22 is a stripe that covers the entire scan line 17 or an arrangement of circular shape or other shapes, a function of the present invention may also be executed easily. So, according to the aforementioned description of the present invention, these sorts of transformation may executed easily, and still are within the technical scope of the present invention, therefore a detailed description is not repetitiously presented here.